

Title (en)  
LAMINATION PROCESS IN PARTICULAR FOR MANUFACTURING PHOTOVOLTAIC LAMINATES AND LAMINATION DEVICE IMPLEMENTING SAID LAMINATION PROCESS

Title (de)  
LAMINIERUNGSVERFAHREN INSBESONDERE ZUR HERSTELLUNG PHOTOVOLTAISCHER LAMINATE UND LAMINIERUNGSVORRICHTUNG ZUR DURCHFÜHRUNG DES BESAGTEN LAMINIERUNGSVERFAHRENS

Title (fr)  
PROCÉDÉ DE STRATIFICATION UTILISÉ NOTAMMENT POUR FABRIQUER DES STRATIFIÉS PHOTOVOLTAÏQUES ET DISPOSITIF DE LAMINAGE METTANT EN UVRE LEDIT PROCÉDÉ DE STRATIFICATION

Publication  
**EP 3403826 A1 20181121 (EN)**

Application  
**EP 17305568 A 20170517**

Priority  
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Abstract (en)  
The present invention relates to a lamination process, for manufacturing photovoltaic laminates by encapsulation, using a lamination device (3) comprising a lamination chamber (5) having a base plate (7) and a movable top plate (9), and comprising the steps of: #c heating the base plate (7), #c depositing a stack of layers (10) into the lamination chamber (5), #c pumping down and degassing the lamination chamber (5), #c pressing onto the stack of layers (10) with the movable top plate (9) during a predetermined time in order to realize a lamination step, #c removing the laminated photovoltaic laminate formed from the lamination chamber (5), wherein the stack of layers (10) is placed on a support structure (23) configured for providing a predetermined thermal inertia, a predetermined bulk thermal resistance and a predetermined surface thermal resistance between the base plate (7) and the stack of layers (10) to delay polymerization or glass transition between the layers of the stack.

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Citation (applicant)  
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